

From: Restivo, Angela
To: Mason, Steve
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities
Date: Thursday, August 31, 2017 6:29:33 PM
Attachments: [image001.png](#)
[image002.jpg](#)
[TCEQ Update - Water Sector Assets HurriHarvey Flood 30AUG17 \(004\).xlsx](#)

From: Ngo, Kim
Sent: Thursday, August 31, 2017 1:21 PM
To: Restivo, Angela
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities
Angela, I pasted the LA response to the last row, excluding the "Note from System". If spreadsheet needs to be shortened further, please reduce. Thanks.

From: Waite, Andrew
Sent: Thursday, August 31, 2017 12:20 PM
To: Ngo, Kim <Ngo.Kim@epa.gov>
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

Regards
Andrew J. Waite
R6 WQ-SD
214.665.7332
After a momentary silence spake
Some Vessel of a more ungainly Make;
"They sneer at me for leaning all awry:
"What! did the Hand then of the Potter shake?"
[Water: What is it Worth to You?](#)

From: Jennifer Kihlken [<mailto:Jennifer.Kihlken@LA.GOV>]
Sent: Thursday, August 31, 2017 9:08 AM
To: Waite, Andrew <Waite.Andrew@epa.gov>; amanda.laughlin_la.gov <amanda.laughlin@la.gov>
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

Steven Joubert was able to provide the following information...
The location identified as City of Lake Charles - Chennault Water Plant at 1501 W Main Street is part of the CITY OF LAKE CHARLES WATER SYSTEM, PWSID: LA1019029 . The Lake Charles water system has many facilities, but at this location there are:
· 2 well facilities, Facility ID 1019029-006 Well CH1 (#1A) and 1019029-007 Well CH2 (#2A) (two of 16 owned by the system), producing 1500 GPM each
· 1 elevated storage tank Facility ID EL001, (1 of 3), holding 500,000 Gal
· 1 treatment plant, Facility ID TP002 (1 of 5) with a capacity of 2MGD daily
· 1 chlorinator Facility ID CH002 (1 of 5) Capacity is not applicable.

The public water system, City of Lake Charles (PWSID LA1019029 has a capacity of 22 MGD.
Note from System:
There was a time, long ago that this site flooded with about 1’ foot of water in the yard. The area, from the operator’s memory, received 20” of rain in a short time. They pulled the pumps on the wells and closed the plant during that time. This location based on the numbers is only a small factor of the overall daily capacity for the City of Lake Charles.

From: Steven R. Joubert
Sent: Thursday, August 31, 2017 9:03 AM
To: Jennifer Kihlken
Subject: RE: RFI: Capacity Information for Water and Wastewater Treatment Facilities
2 Wells at this location – each producing 1,500 GPM
Elevated Storage – 500,000 gallon
Daily Production Capacity – 2 MGD
Total Production Capacity of LC – 22 MGD
1019029-006 Well CH1 (#1A)
1019029-007 Well CH2 (#2A)

There was a time, long ago that this site flooded with about 1’ foot of water in the yard. The area, from Russell’s memory, received 20” of rain in a short time. They pulled the pumps on the wells and closed the plant during that time. This location based on the numbers is only a small factor of the overall daily capacity for the City of Lake Charles.

From: Jennifer Kihlken
Sent: Thursday, August 31, 2017 8:24 AM
To: Steven R. Joubert
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities
[We need to fill in the blanks for EPA and Homeland Security.](#)

From: Waite, Andrew [<mailto:Waite.Andrew@epa.gov>]
Sent: Thursday, August 31, 2017 8:15 AM
To: Amanda Laughlin; Jennifer Kihlken
Subject: RE: RFI: Capacity Information for Water and Wastewater Treatment Facilities
Amanda & Jennifer,
Email string attached FYI.
I was given this:

... Andy, can you find the capacity status on Lake Charles...

Address_1	City	County	State	Zip	Latitude	Longitude	Sector	Sub_Sector	Capacity Information	Inundation_Feet
1501 W Main Street	Lake Charles	Calcasieu	LA	70615	30.2203	-93.1619	Water	Water Treatment Facility	LA Water system	6

This is what I thought I would tell them... if your staff can provide the XXX numbers.
The location identified as City of Lake Charles - Chennault Water Plant at 1501 W Main Street is part of the CITY OF LAKE CHARLES WATER SYSTEM, PWSID: LA1019029 . The Lake Charles water system has may facilities, but at this location there are:
· 1 Well facility, Facility ID XXX (one of 16 owned by the system), producing XXX GPM
· 1 elevated storage tank Facility ID EL001, (1 of 3), holding XXX Gal
· 1 treatment plant, Facility ID TP002 (1 of 5) with a capacity of XXX Gal/day
· 1 chlorinator Facility ID CH002 (1 of 5) Capacity is not applicable.
The public water system, City of Lake Charles (PWSID LA1019029 has a capacity of XXX Gal/day

cid:image001.png@01D32236.105CC550



a

Regards

Andrew J. Waite

R6 WQ-SD

214.665.7332

After a momentary silence spake

Some Vessel of a more ungainly Make;

"They sneer at me for leaning all awry:

"What! did the Hand then of the Potter shake?"

 [Water: What is it Worth to You?](#)

From: Ngo, Kim

Sent: Wednesday, August 30, 2017 6:42 PM

To: McCasland, Mark <McCasland.Mark@epa.gov>; Waite, Andrew <Waite.Andrew@epa.gov>; Restivo, Angela <Restivo.Angela@epa.gov>

Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

Mark, Please recheck this spreadsheet, before talking to TCEQ. I think it is complete for capacity Qs.

Andy, can you find the capacity status on Lake Charles on the list, it is the last one listed.

Once this is completed, please send to Angela in REOC. Thank you.

From: Mark Palmie [<mailto:Mark.Palmie@tceq.texas.gov>]

Sent: Wednesday, August 30, 2017 5:50 PM

To: Ngo, Kim <Ngo.Kim@epa.gov>

Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

Kim,

Please see below and attached.

Thank you,

Mark

Mark Palmie

Special Assistant

Water Quality Division

(512) 239-0849

(512) 239-4430 (fax)

From: Mark Palmie

Sent: Wednesday, August 30, 2017 5:48 PM

To: 'Ngo.Kim@epa.gov' <Ngo.Kim@epa.gov>

Cc: 'Waite.Andrew@epa.gov' <Waite.Andrew@epa.gov>; David Galindo <David.Galindo@tceq.texas.gov>; Josalyn McMillon <Josalyn.McMillon@tceq.texas.gov>;

Jennelle Crane <Jennelle.Crane@tceq.texas.gov>

Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

Kim,

The attached spreadsheet has the additional updates for the City of Houston wastewater treatment permits.

Please let us know if you have any questions or need additional information.

Thank you,

Mark
Mark Palmie
Special Assistant
Water Quality Division
(512) 239-0849
(512) 239-4430 (fax)

From: Ngo, Kim [<mailto:Ngo.Kim@epa.gov>]
Sent: Wednesday, August 30, 2017 12:29 PM
To: Jennelle Crane <jennelle.crane@tceq.texas.gov>; Waite, Andrew <Waite.Andrew@epa.gov>
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

Jenelle,

We are getting more inquiries on W & WW facility capacity. Would you have updates on the attached facilities?

RFI: Seeking production capacity for water facility output and waste water intake and effluent capacity and information for the facilities identified in the attached spreadsheet, which are expected to experience at least 4 feet of flooding over the next few days. Seeking to understand which of these facilities is most consequential to the population.

Thank you.

From: Restivo, Angela
Sent: Wednesday, August 30, 2017 10:49 AM
To: Ngo, Kim <Ngo.Kim@epa.gov>
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

From: EOC Water
Sent: Wednesday, August 30, 2017 10:47 AM
To: Waite, Andrew <Waite.Andrew@epa.gov>; Restivo, Angela <Restivo.Angela@epa.gov>
Subject: Fw: RFI: Capacity Information for Water and Wastewater Treatment Facilities
Andrew and Angela - copying you as well and this action item - sorry forgot to cc you.
Thanks,
-Brian Pickard, Water Desk EOC
202-250-8920

From: EOC Water
Sent: Wednesday, August 30, 2017 9:55 AM
To: Smalley, Bryant; Foster, Althea; Carroll, Craig
Cc: Pickard, Brian; EOC Water
Subject: Fw: RFI: Capacity Information for Water and Wastewater Treatment Facilities

All,

Please see RFI from the FEMA NRCC desk regarding water and wastewater facility production capacity. Can you please provide a response? They are requesting ASAP.

Thank you,

Brian Pickard - EOC Water Desk
202-250-8920

From: Eoc, Epahq
Sent: Wednesday, August 30, 2017 8:29 AM
To: EOC Water
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities
For action
Michael Faulkner, Senior Watch Officer
U.S. Environmental Protection Agency
Headquarters Emergency Operations Center
1200 Pennsylvania Ave
Washington, DC 20004
202-564-3850 (24hrs)
eoc.epahq@epa.gov

From: FEMA-NRCC-rfit [<mailto:FEMA-NRCC-rfit@fema.dhs.gov>]
Sent: Tuesday, August 29, 2017 10:18 PM
To: Eoc, Epahq <Eoc.Epahq@epa.gov>
Subject: FW: RFI: Capacity Information for Water and Wastewater Treatment Facilities

Hi there,

Please see RFI for 0800 tomorrow.

Thanks,

Jasmine

Jasmine Liu

Blue Team – Night

SAS RFI Tracker

NRCC Desk: 202-212-4512

FEMA-NRCC-rfit@fema.dhs.gov

From: FEMA-NRCC-rfit
Sent: Tuesday, August 29, 2017 10:08 PM
To: FEMA-NRCC-ohul <FEMA-NRCC-ohul@fema.dhs.gov>; FEMA-NRCC-ohs <FEMA-NRCC-ohs@fema.dhs.gov>
Subject: RFI: Capacity Information for Water and Wastewater Treatment Facilities
RFI for: ESF #10
RFI From: DHS IP LNO Michael Shield

RFI: Seeking production capacity for water facility output and waste water intake and effluent capacity and information for the facilities identified in the attached spreadsheet, which are expected to experience at least 4 feet of flooding over the next few days. Seeking to understand which of these facilities is most

consequential to the population.

Requesting info ASAP.

Thanks,

Jasmine

Jasmine Liu

Blue Team – Night

SAS RFI Tracker

NRCC Desk: 202-212-4512

FEMA-NRCC-rfit@fema.dhs.gov

Address_1	City	County	State	Zip	Latitude	Longitude	Sector	Sub_Sector	TCEQ Capacity Information	Inundation_Feet
									Multiple systems use this as a raw water source - Status is currently under review 1870165 Lake Livingston Oakridge North – 1.25 MGD 1870166 Lake Livingston Pineshadows East – 1.5 MGD 1870129 TRA Livingston Regional Water Supply - 7.5 MGD 2280011 Trinity Rural WSC1 - 1.47 MGD	
5170 South Farm to Market Road 1988	Livingston	Polk	TX	77351	30.763903	-95.159445	Water	Raw Water Supply		12
8419 FM 1409	Dayton	Liberty	TX	77535	29.961394	-94.810108	Water	Raw Water Transmission	More information needed to provide capacity	6
9500 Lawndale Street	Houston	Harris	TX	77012	29.71	-95.25926	Water	Wastewater Facility	WQ0010495002- 61 MGD	15
2525 S Sergeant Macario Garcia Drive	Houston	Harris	TX	77011	29.75546	-95.29871	Water	Wastewater Facility	WQ0010495090- 200 MGD	12
12555 Clinton Road	Houston	Harris	TX	77015	29.7356	-95.21476	Water	Water Treatment Facility	Operational - 214.7 MGD	15
2300 Federal Road	Houston	Harris	TX	77015	29.74482	-95.212562	Water	Water Treatment Facility	Operational - 155.77	15
	Houston	Harris	TX	0	29.760451	-95.369782	Water	Water Treatment Facility	Operational - Multiple GW plants with a total well capacity of 31.2	8
12121 N Sam Houston Parkway E	Houston	Harris	TX	77396	29.933078	-95.19592	Water	Water Treatment Facility	Operational - 80 MGD	6
1501 W Main Street	Lake Charles	Calcasieu	LA	70615	30.2203	-93.1619	Water	Water Treatment Facility	WATER SYSTEM, PWSID: LA1019029 . The Lake Charles water system has many facilities, but at this location there are: · 2 well facilities, Facility ID 1019029-006 Well CH1 (#1A) and 1019029-007 Well CH2 (#2A) (two of 16 owned by the system), producing 1500 GPM each · 1 elevated storage tank Facility ID EL001, (1 of 3), holding 500,000 Gal · 1 treatment plant, Facility ID TP002 (1 of 5) with a capacity of 2MGD daily · 1 chlorinator Facility ID CH002 (1 of 5) Capacity is not applicable. The public water system, City of Lake Charles (PWSID LA1019029 has a capacity of 22 MGD.	6